

PSMA3 polyclonal antibody

Catalog # PAB5537 Size 100 ug

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of PSMA3.
Immunogen	A synthetic peptide corresponding to N-terminus of human PSMA3.
Host	Rabbit
Reactivity	Human, Mouse, Rat
Form	Liquid
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (50% glycerol, 0.01% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Enzyme-linked Immunoabsorbent Assay

Gene Info — PSMA3

Entrez GeneID [5684](#)

Gene Name PSMA3

Gene Alias	HC8, MGC 12306, MGC32631, PSC3
Gene Description	proteasome (prosome, macropain) subunit, alpha type, 3
Omim ID	176843
Gene Ontology	Hyperlink
Gene Summary	<p>The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Two alternative transcripts encoding different isoforms have been identified. [provided by RefSeq]</p>
Other Designations	macropain subunit C8 multicatalytic endopeptidase complex subunit C8 proteasome alpha 3 subunit proteasome subunit C8

Pathway

- [Proteasome](#)